

# SERVICE MANUAL

**PARTS LIST  
EXPLODED VIEW  
DIAGRAMS**

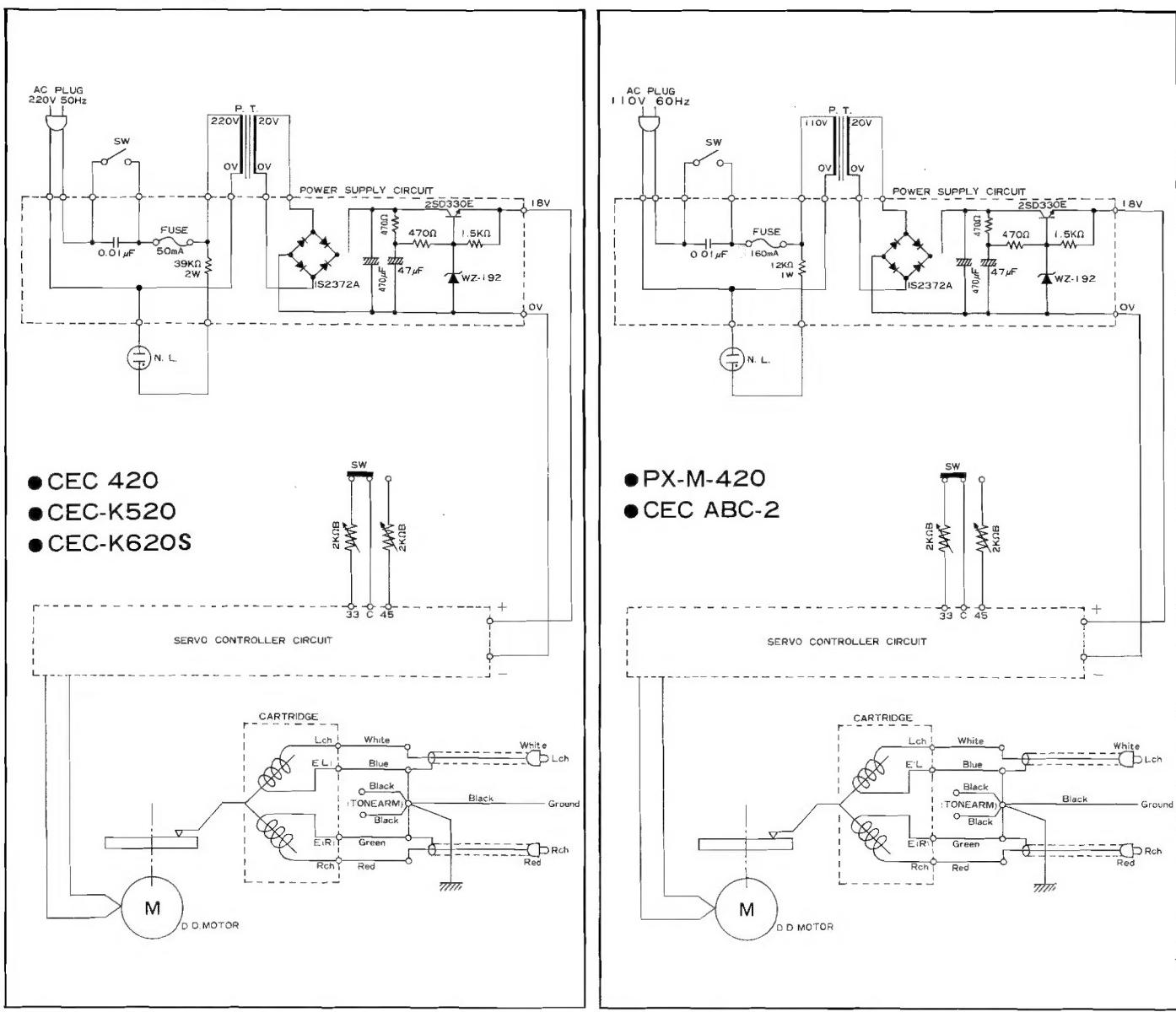
MODELS; CEC 420, CEC ABC-2,  
CEC-K620S, CEC-K520,  
AND PX-M-420

*SEMI-AUTOMATIC  
DIRECT DRIVE TURNTABLE*

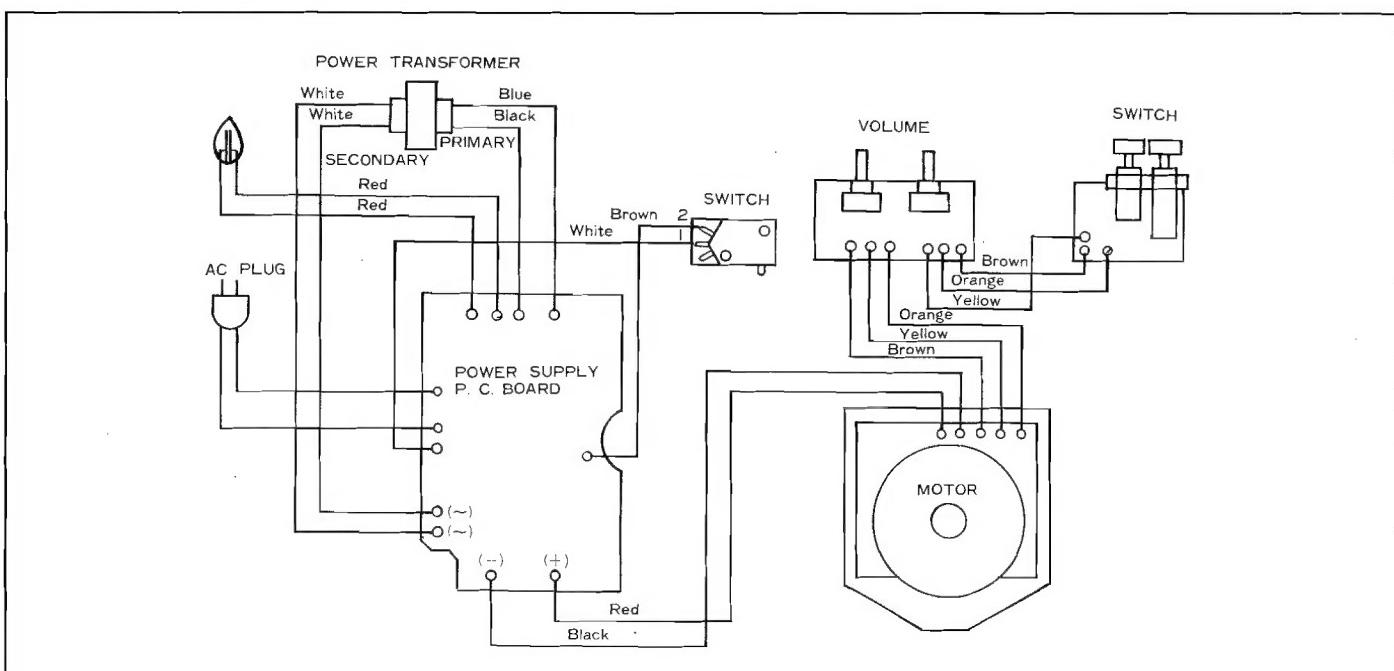


# DIAGRAMS

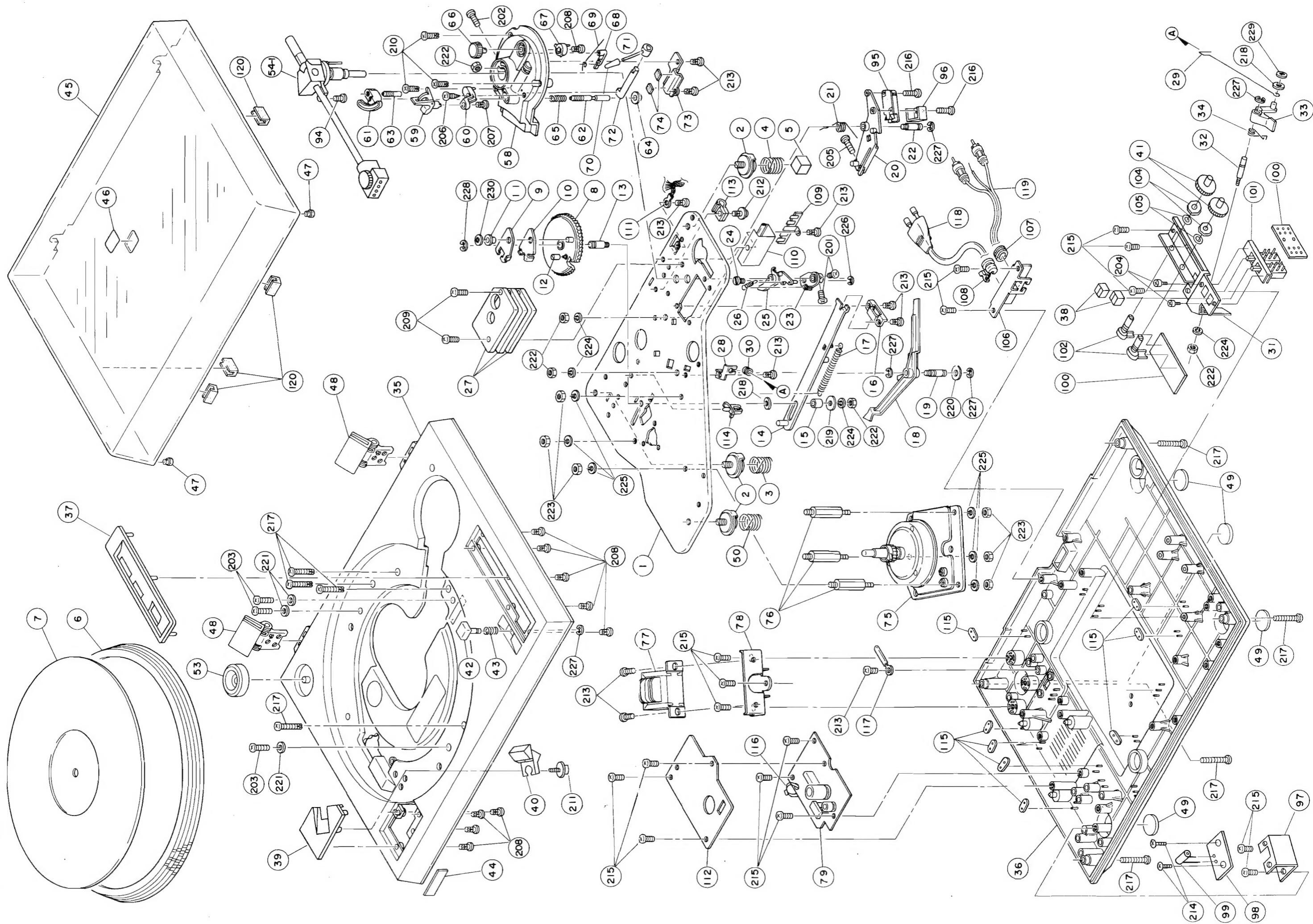
## Circuit Diagram



## Wiring Diagram



EXPLoded VIEW



# PARTS LIST

Ref. No.	Parts No.	Description
1	CA 20765	Subchassis
2	CD 44937	Spring mounting
3	CE 46949	Float-spring (B)
4	CE 45624	Float-spring (C)
5	CD 43361	Cushion
6	CD 20451-1	Turntable platter
7	CD 20455	Turntable platter mat
8	CD 30343	Drive gear
9	CA 45710	Ratchet A
10	CA 43783-1	Ratchet B
11	CB 44117	Ratchet collar
12	CD 45709	Drive gear pin
13	CB 43791	Drive gear shaft
14	C 44933s	Return plate assy.
15	CB 43795	Return plate collar
16	CD 44935	Return plate guide
17	CE 44269	Return plate spring
18	CD 46959	Return arm
19	CB 44262	Return arm shaft
20	CD 44936	Switch plate
21	CE 44271	Switch spring
22	CB 42476	Mounting shaft
23	C 47222s	Tonearm fixing plate assy.
24	CB 44954	Rotation shaft
25	CD 44950-1	Tonearm moving plate
26	CE 41817	Tonearm fixing plate spring
27	CA 46956	Weight
28	CA 45911	Rod angle
29	CE 45912	Connecting rod
30	CD 43972	Reject spring spacer
31	CA 31343	Operating part mounting plate
32	CB 47841	Shaft
33	CD 45915	Reject lever
34	CE 45943	Reject lever spring
35	CD 10021-1	Cabinet
36	CD 47762	Bottom base
37	CD 45974	Operating housing
38	CD 47068	Push button
39	CD 45914	Lamp housing
40	CD 46039	Strobe filter
41	CD 45914	Speed adjusting knob
42	CD 45915	Reject button
43	CE 46039	Reject spring
44	CD 44205	Cabinet badge (logo)
45	CK 30772	Dust cover
46	CH 45008	Dust cover mark
47	CE 46948	Dust cover cushion
48	CD 44217	Hinge
49	CH 46401	Felt
50	CE 46948	Float-spring (A)
51	CD 43100	Screwdriver
52	CH 46401	Stylus position gauge
53	CD 43100	45 rpm adapter
54	C 47331s	Tonearm ass'y.
54-1	C 47332s	Tonearm
54-2	CB 43212-2	Headshell
54-3	C 47332s	Counterweight
54-4	CB 43213	Subweight
55	CB 43213	Cartridge mounting screw
56	CB 43214	Cartridge mounting nut
57	CD 43214	Cartridge mounting washer
58	CD 20617	Tonearm base
59	C 45344s	Tonearm rest ass'y.
60	CD 45343	Rest arm

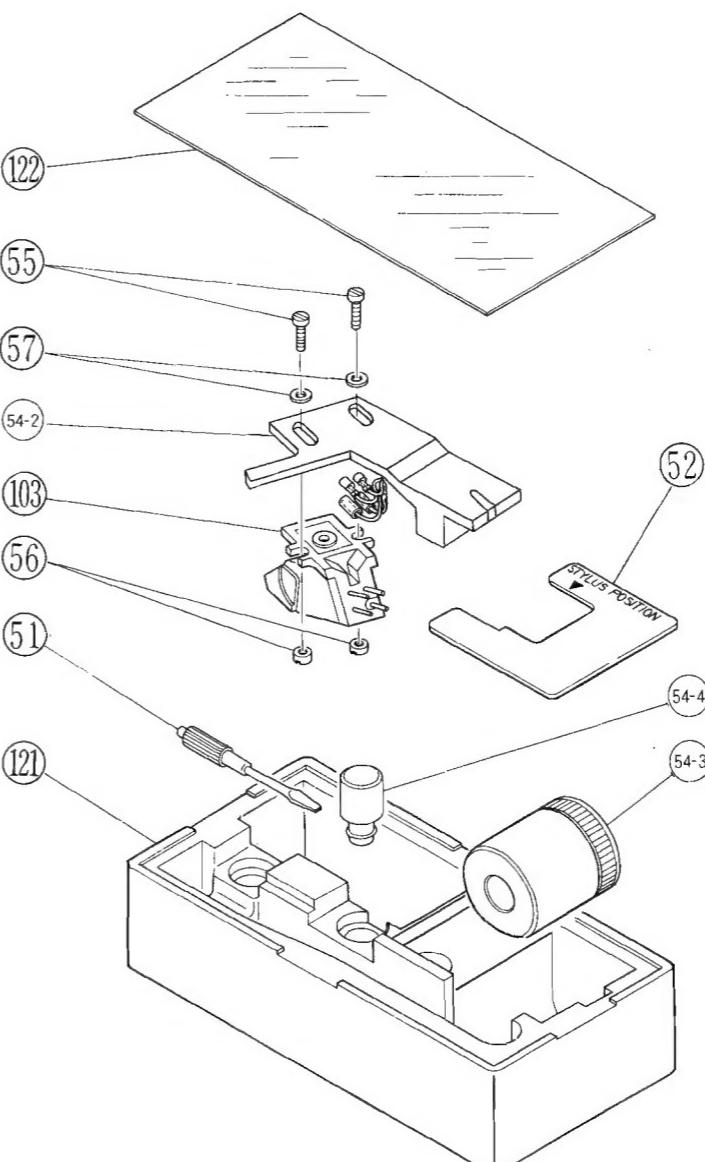
DIFFERENT PARTS AMONG MODELS (Marked O in the PARTS LIST)

Ref. No.	Description	CEC-K520	CEC420	CEC-K620S	PX-M-420	CEC ABC-2
35	Cabinet	CD10031-2	CD10031-3	CD10031-5	CD10031-2	CD10031-3
37	Operating housing	CD31347-04	CD31347-02	CD31347-09	CD31347-08	CD31347-00
39	Lamp housing	CD31346-01	CD31346-00	CD31346-02	CD31346-01	CD31346-00
44	Cabinet badge (logo)	CK44461	CK44461	CK44461	CK48197-00	CK48193-00
45	Dust cover	CD20641-1	CD20641-1	CD20641-1	CD20641-1	CD20641
46	Dust cover mark	CK44143	CK44143	CK44143	CK48192-00	CK44143
54	Tonearm ass'y	CF31393	CF31393	CF30779	CF31393	CF31393
54-2	Headshell	C 46464S	C 46464S	C 46040S	C 46464S	C 46464S
77	Power transformer	CF31289	CF31289	CF31289	CF31417	CF31417
79	Power PCB ass'y	C 31013S	C 31013S	C 31013S	C 31593-00	C 31593-00
81	Fuse holder	CF44495	CF44495	CF44495	CF45854	CF45854
84	Condenser	CF47533	CF47533	CF47533	CF43562	CF43562
90	Metal oxide film resistor	39KΩ	39KΩ	39KΩ	12KΩ	12KΩ
93	Fuse	CF30618-14 50mA	CF30618-14 50mA	CF30618-14 50mA	CF44494 160mA	CF44494 160mA
95	Microswitch	CF31019	CF31019	CF31019	CF30266	CF30266
109	*IL4P lug terminal plate . . . . . CF43315 *Shield PCB . . . . . CF47129	CF43315	CF43315	CF47129	CF43315	CF43315
110	Shield-case	CA43988	CF43988	CF43988	CF43988	CF43988
118	AC power supply cord	CF31329	CF31329	CF47562	CF47562	CF47562

# SCREWS, WASHERS AND NUTS

Ref. No.	Description
201	⊕ Pan head screw M3x10
202	⊕ Pan head screw (Bronze) M3x12
203	⊕ ⊕ Pan head screw (Red) M4x16
204	⊕ Pan head Sems screw M3x6
205	⊕ Pan head taprite screw S 03x14
206	⊕ Pan head tapping screw (class 1) (Bronze) φ3x12
207	⊕ Pan head tapping screw (class 2) (Bronze) φ2.6x6
208	⊕ Pan head tapping screw (class 2) φ2.6x6
209	⊕ Pan head tapping screw (class 2) φ3x14
210	⊕ Pan head tapping screw (class 2) (Bronze) φ3x18
211	⊕ Pan head tapping screw (class 2) with plain washer φ3x8
212	⊕ Pan head tapping screw (class 2) with plain washer φ3x12
213	⊕ Pan head taprite screw B φ3x6
214	⊕ Pan head taprite screw B φ3x8
215	⊕ Brazier head taprite screw B φ3x10
216	⊕ Brazier head taprite screw B φ3x16
217	⊕ Pan head taprite screw B φ3.5x25
218	Plain washer 3φx80x0.5t
219	Plain washer 3φx10φx1t
220	Plain washer 4.7φx10φx0.3t
221	Fiber washer 4φx10φx1t
222	Hexagon nut M3
223	Hexagon nut M4
224	Spring washer φ3
225	Spring washer φ4
226	E type washer (Bending type) φ3
227	E type washer φ3
228	E type washer φ4
229	Stop ring CSTW-2.4
230	Stop ring CSTW-3

# ACCESSORY PARTS



# POWER SUPPLY PRINTED CIRCUIT BOARD

